11-6130-416-24P

ARMY
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TM 11-6130-416-24P
EE010-BJ-PLL-010/E154 DCDUAL
TO 35C1-2-847-4

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

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POWER SUPPLY/DC DUAL

(0-40VDC/0-1.5A)

(NSN 6130-00-065-6811)

DEPARTMENTS OF THE ARMY, THE NAVY, AND THE AIR FORCE

15 NOVEMBER 1985

D101.11:

TECHNICAL MANUAL
No. 11-6130-416-24P
TECHNICAL MANUAL
EE010-BJ-PLL-010/E154 DCDUAL
TECHNICAL ORDER
TO 35C1-2-847-4

DEPARTMENTS OF THE ARMY,
THE NAVY, AND THE AIR FORCE

WASHINGTON, DC, *15 November 1985*

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT, MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR POWER SUPPLY/DC DUAL (0-40VDC/0-1.5A) (NSN 6130-00-065-6811)

Current as of 24 June 1985

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5007.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 8122, Washington, DC 20360.

In either case, a reply will be furnished direct to you.

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SECTION I

INTRODUCTION

1. Scope

This manual lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Power Supply/DC Dual. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header.

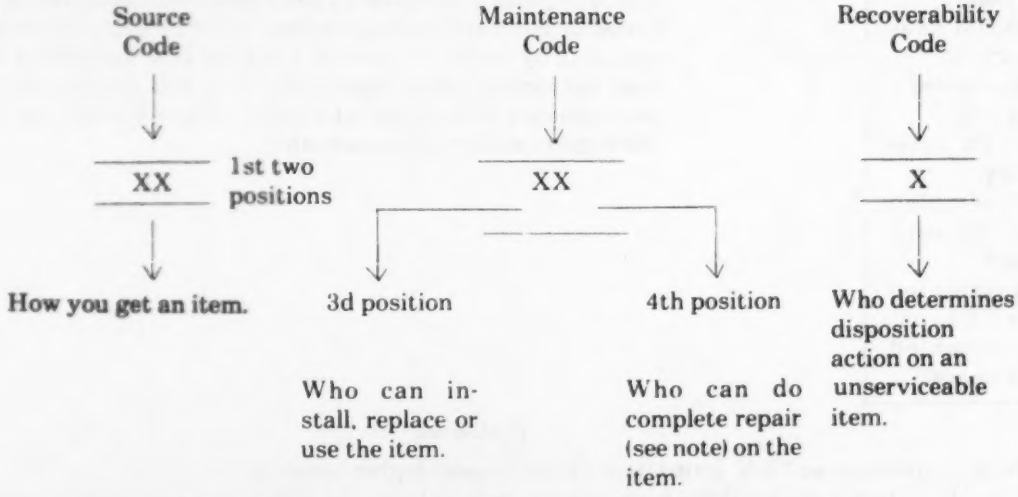
b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphameric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns (Section II and III)

a. Item No. (Column 1). Indicates the number used to identify items called out in the illustration.

b. SMR Code (Column (2)). The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



NOTE

Complete repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) *Source code.* The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code	*Explanation*
PA PB PC PD PE PF PG	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the third position of the SMR code. **NOTE** Items coded PC are subject to deterioration.
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kits must be requisitioned and applied.
MO— Made at org/ AVUM category MF— Made at DS/ AVUM category MH— Made at GS category ML— Made at Specialized Repair Activity (SRA) MD— Made at Depot	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of maintenance.
AO— Assembled by org/ AVUM category AF— Assembled by DS/ AVIM category AH— Assembled by GS category AL— Assembled by SRA AD— Assembled by Depot	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the category of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.

Code	*Explanation*
XA—	Do not requisition an "XA" coded item. Order its next higher assembly.
XB—	If an "XB" item is not available from salvage, order it using the FSCM and part number given.
XC—	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturers part number.
XD—	Item is not stocked. Order an "XD" coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

(2) *Maintenance code.* Maintenance codes tell you the category of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

Code — *Application/Explanation*

C— Crew or operator maintenance done within organizational or aviation maintenance.
O— Organizational or aviation unit category can remove, replace, and use the item.
F— Direct support or aviation intermediate category can remove, replace, and use the item.
H— General support category can remove, replace, and use the item.
L— Specialized repair activity can remove, replace, and use the item.
D— Depot category can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following maintenance codes.

NOTE

Some limited repair may be done on the item at a lower category of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Code — *Application/Explanation*

O— Organizational or aviation unit is the lowest category that can do complete repair of the item.
F— Direct support or aviation intermediate is the lowest category that can do complete repair of the item.
H— General support is the lowest category that can do complete repair of the item.
L— Specialized repair activity (designate the specialized repair activity) is the lowest category that can do complete repair of the item.
D— Depot is the lowest category that can do complete repair of the item.
Z— Nonreparable. No repair is authorized.
B— No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item). However, the item may be reconditioned by adjusting, lubricating, etc., at the user category.

(3) *Recoverability code.* Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

Recoverability codes — *Application/Explanation*

Z— Nonreparable Item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR Code.
O— Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit category.
F— Reparable item. When uneconomically reparable, condemn and dispose of the item at direct support or aviation intermediate category.
H— Reparable item. When uneconomically reparable, condemn and dispose of the item at general support category.
D— Reparable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.
L— Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A— Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. Part Number (Column (4)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

e. Description and Usable on Code (UOC) (Column (5)). This column includes the following information.

(1) The Federal item name and, when required, a minimum description to identify the item.

(2) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section III.

f. Qty (Column 6)). Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

4. Explanation of Columns (Section IV)

a. National Stock Number (NSN) Index.

(1) Stock number column. This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits).

(2) *Fig. column.* This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and III.

(3) *Item column.* The item number identifies the item associated with the figure listed in the adjacent Fig. column. This item is also identified by the NSN listed on the same line.

b. Part Number Index. Part numbers in this index are listed by part number in ascending alphameric sequence.

(1) *FSCM column.* This column lists the Federal supply code for manufacturer (FSCM).

(2) *Part number column.* This column indicates the part number assigned to the item.

(3) *Stock number column.* This column lists the National stock number for the associated part number and manufacturer identified in the part number and FSCM columns to the left.

(4) *Fig. column.* This column lists the number of the figure where the item is identified/located in sections II and III.

(5) *Item column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

5. Special Information

a. Associated Publications. The publications listed below pertains to the Power Supply/DC Dual and its components:

TM 11-6130-416-14, Power Supply/DC Dual

b. National Stock Numbers. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-MM, Fort Monmouth, NJ 07703-5006 for the part required to support your equipment.

6. How to Locate Repair Parts

a. When National stock number or part number is not known.

(1) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) *Second.* Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) *Third.* Identify the item on the figure and note the item number.

(4) *Fourth.* Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) *Fifth.* Refer to the Part Number Index to find the NSN, if assigned.

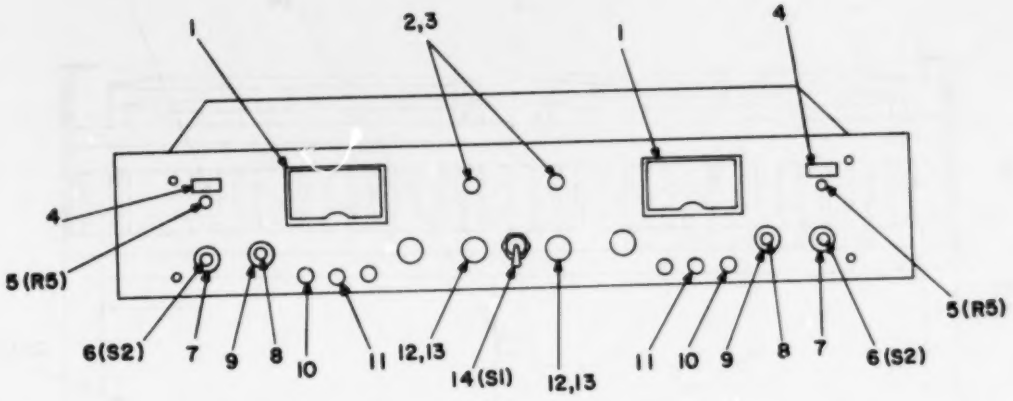
b. When National stock number or part number is known.

(1) *First.* Using the index of National stock numbers and part numbers, find the pertinent National stock number or part number. The NSN index is in National item identification number (NIIN) sequence (para 4*a*(1)). The part numbers in the part number index are listed in ascending alphameric sequence (para 4*b*). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

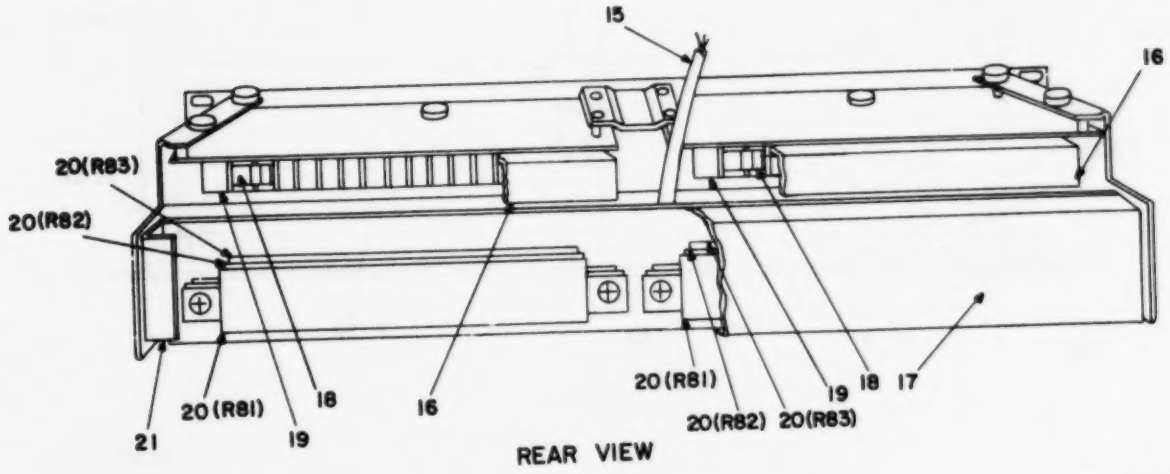
(2) *Second.* After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7. Abbreviations

Not applicable.



FRONT VIEW



REAR VIEW

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Figure 1. Power Supply/DC Dual (0-40VDC/0-1.5A) (Sheet 1 of 2).

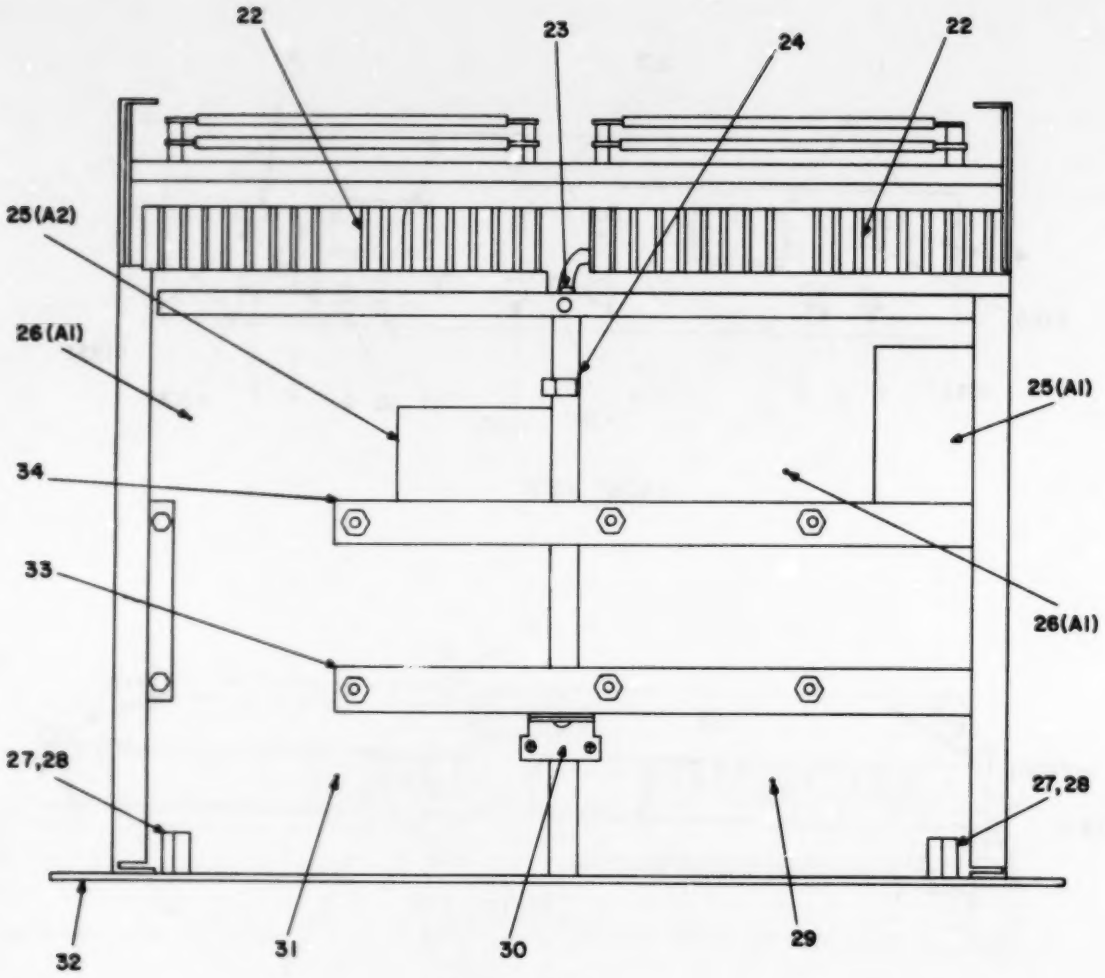
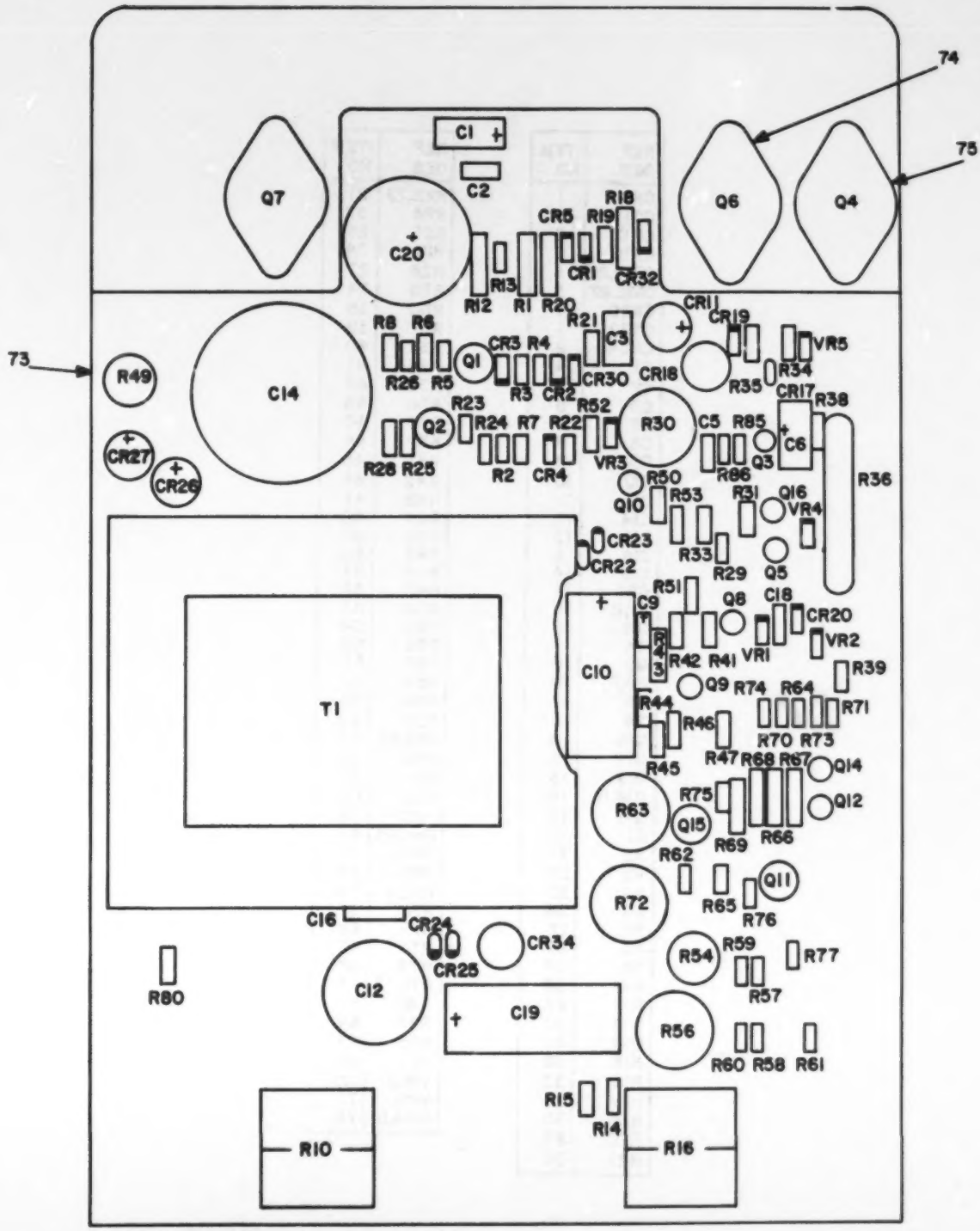


Figure 1. Power Supply/DC Dual (0-40VDC/0-1.5A) (Sheet 2 of 2).

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 00 POWER SUPPLY/DC DUAL (0-40VDC/0-1.5A)	
				FIG. 1	
1	XDDZZ	07980	1120-1139	VOLTMETER	2
2	PADZZ	28480	4040-0295	BEZEL,INSTRUMENT MO	2
3	PAOZZ	81349	M15098-11-004	LAMP,GLOW	2
4	XBDZZ	28480	7124-0389	LABEL,INSTRUCTION	2
5	PADZZ	28480	2100-1854	RESISTOR,VARIABLE,N	2
6	PADZZ	28480	3100-1910	SWITCH,ROTARY	2
7	PAOZZ	28480	0370-0084	KNOB	2
8	PAOZZ	28480	0370-0179	KNOB	2
9	PAOZZ	28480	0370-0101	KNOB	2
10	XBDZZ	28480	1510-0040	BINDING POST,MAROON	2
11	PADZZ	58474	BP21B	POST,BINDING,ELECTR	2
12	PADZZ	75915	342014	FUSEHOLDER,EXTRACTO	2
13	PAOZZ	81349	F02A250V2A	FUSE,CARTRIDGE	2
14	PADZZ	87034	54-6168126A1H	SWITCH,PUSH	1
15	PADZZ	70903	KH-4096	CABLE ASSEMBLY,POWE	1
16	XBDZZ	09182	B-5950-5221-1	GUARD,ANGLE	2
17	XBDZZ	09182	C-1COVER	COVER,OUTRIGGER	1
18	PADZZ	71785	422-13-11-013	CONNECTOR,ELECTRICA	2
19	PADZZ	28480	0360-1234	TERMINAL STRIP	2
20	PADZZ	73978	6BR-37	RESISTOR,FIXED,WIRE	6
21	XBDZZ	09182	C-1	CHASSIS,OUTRIGGER	1
22	XBDZZ	09182	A-5950-5233-1	HEAT SINK ASSEMBLY	2
23	PADZZ	28520	SR-5P-1	BUSHING,STRAIN RELI	1
24	XBDZZ	79307	T4-4	CLAMP,CABLE	1
25	XBDDD	28480	5060-6176	CKT CD,CROWBAR MOD	2
26	PADDD	28480	06255-60021	CIRCUIT CARD ASSEMB	2
27	PADZZ	28480	2950-0034	NUT,PLAIN,HEXAGON	1
28	PADZZ	28480	1410-0052	BUSHING,MACHINE THR	1
29	XBDZZ	09182	D-5950-5249-1R	CHASSIS ASSY,RIGHT	1
30	XBDZZ	09182	B-1	BRACKET,PC BOARD	1
31	XBDZZ	09182	D-5950-5249-1L	CHASSIS ASSY,LEFT	1
32	XBDZZ	28480	06255-60003	FRONT PANEL	1
33	XBDZZ	09182	C-5950-5271-1R	BRACKET,XFRMR,RIGT	1
34	XBDZZ	09182	C-5950-5271-1L	BRACKET,XFRMR,LEFT	1

END OF FIGURE



PREFIX ALL REFERENCE DESIGNATIONS WITH A1.

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Figure 2. Circuit card, A1 (Sheet 1 of 2).

REF. DES.	ITEM NO.
CR1-5	1
CR11	2
CR17	3
CR18	2
CR19,20	1
CR22-27	3
CR30	1
CR32	1
CR34	2
C1	4
C2	5
C3	6
C5	7
C6	8
C9	9
C10	10
C12	11
C14	12
C16	13
C18	5
C19	14
C20	11
Q1,2	15
Q3	16
Q4	17
Q5	16
Q6,7	18
Q8	16
Q9	19
Q10	16
Q11	15
Q12	16
Q14,15	16
Q16	19
R1	20
R2	21
R3	22
R4	23
R5	24
R6	25
R7	26
R8	27
R10	28
R12	29
R13	30
R14	31
R15	32
R16	33
R18	34
R19	30
R20	35
R21	36

REF DES.	ITEM NO.
R22,23	21
R24	37
R25	25
R26	24
R28	27
R29	24
R30	38
R31	39
R33	40
R34	41
R35	42
R36	43
R38	40
R39	44
R41	45
R42	46
R43	47
R44	48
R45	49
R46	50
R47	51
R49	52
R50	53
R51	54
R52	55
R53	56
R54	57
R56	58
R57	59
R58,59	60
R60	59
R61	61
R62	59
R63	38
R64,65	23
R66,67	62
R68,69	63
R70,71	64
R72	65
R73	66
R74	67
R75	64
R76,77	24
R80	68
R85	64
R86	21
T1	69
VR1,2	70
VR3	71
VR4,5	72

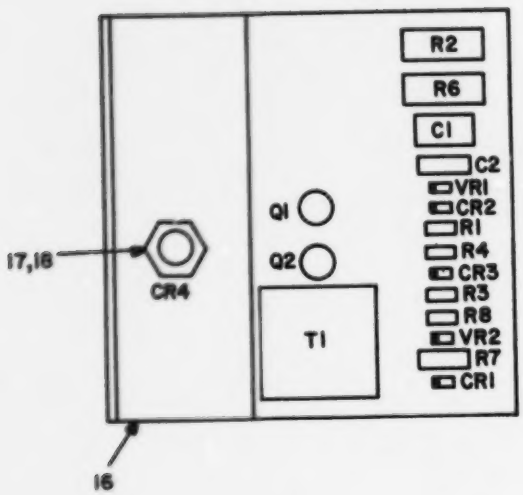
EL8FW004

Figure 2. Circuit card, A1 (Sheet 2 of 2).

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 01 PRINTED CIRCUIT BOARDS	
				FIG. 2 CIRCUIT CARD, A1	
1	PADZZ	28480	1901-0033	SEMICONDUCTOR DEVIC.....	9
2	PADZZ	81349	JAN1N4998	SEMICONDUCTOR DEVIC.....	3
3	PADZZ	80131	1N5059	SEMICONDUCTOR DEVIC.....	7
4	PADZZ	56289	150D475X9050B2	CAPACITOR,FIXED,ELE.....	1
5	PADZZ	56289	192P10352	CAPACITOR,FIXED,PLA.....	2
6	PADZZ	56289	292P10452	CAPACITOR,FIXED,PLA.....	1
7	PADZZ	56289	292P10252	CAPACITOR,FIXED,PLA.....	1
8	PADZZ	14723	014A020	CAPACITOR,FIXED,ELE.....	1
9	PADZZ	81349	M39003/01-3088	CAPACITOR,FIXED,ELE.....	1
10	PCDZZ	28480	0180-1852	CAPACITOR,FIXED,ELE.....	1
11	PADZZ	09182	D38618	CAPACITOR,FIXED,ELE.....	2
12	PADZZ	28480	0180-1895	CAPACITOR,FIXED,ELE.....	1
13	PADZZ	13499	913-3235-00	CAPACITOR,FIXED,CER.....	1
14	XDDZZ	56289	150D156X0050R2	CAPACITOR,FIXED,ELE.....	1
15	PADZZ	28480	1854-0229	SEMICONDUCTOR DEVIC.....	3
16	PADZZ	56289	2N2907A	TRANSISTOR.....	7
17	PADZZ	04713	MJ2955	TRANSISTOR.....	1
18	PADZZ	28480	1854-0225	TRANSISTOR.....	2
19	PADZZ	80131	2N3391A	TRANSISTOR.....	2
20	PADZZ	81349	RW69V102	RESISTOR,FIXED,WIRE.....	1
21	PADZZ	81349	RNC55K6191FS	RESISTOR,FIXED,FILM.....	4
22	PADZZ	81349	RNC55K1502FS	RESISTOR,FIXED,FILM.....	1
23	PADZZ	81349	RNC55K2002FS	RESISTOR,FIXED,FILM.....	3
24	PADZZ	81349	RNC55K1501FS	RESISTOR,FIXED,FILM.....	5
25	PADZZ	81349	RCR20G364JS	RESISTOR,FIXED,COMP.....	2
26	PADZZ	81349	RNC55K6192FS	RESISTOR,FIXED,FILM.....	1
27	PADZZ	81349	RCR20G564JS	RESISTOR,FIXED,COMP.....	2
28	PADZZ	28480	2100-0997	RESISTOR,VARIABLE,W.....	1
29	PADZZ	81349	RW69V132	RESISTOR,FIXED,WIRE.....	1
30	XBDZZ	01121	EBSELECTED	RESISTOR,FXD,CMPSN.....	2
31	PADZZ	01121	EB-0335	RESISTOR,FIXED,COMP.....	1
32	PADZZ	81349	RCR20G334JS	RESISTOR,FIXED,COMP.....	1
33	PADZZ	28480	2100-0994	RESISTOR,VARIABLE,W.....	1
34	PADZZ	56289	242E5025	RESISTOR,FIXED,WIRE.....	1
35	PADZZ	81349	RNC60K1001FS	RESISTOR,FIXED,FILM.....	1
36	PADZZ	81349	RCR20G390JS	RESISTOR,FIXED,COMP.....	1
37	PADZZ	81349	RNC55K4751FS	RESISTOR,FIXED,FILM.....	1
38	PADZZ	11236	110-F4-5K	RESISTOR,VARIABLE,N.....	2
39	PADZZ	81349	RCR20G102JS	RESISTOR,FIXED,COMP.....	1
40	PADZZ	81349	RCR20G103JS	RESISTOR,FIXED,COMP.....	2
41	PADZZ	81349	RCR20G161JS	RESISTOR,FIXED,COMP.....	1
42	PADZZ	81349	RCR20G201JS	RESISTOR,FIXED,COMP.....	1
43	PADZZ	81349	RW68V511	RESISTOR,FIXED,WIRE.....	1
44	PADZZ	81349	RNC55K1211FS	RESISTOR,FIXED,FILM.....	1
45	PADZZ	81349	RCR20G123JS	RESISTOR,FIXED,COMP.....	1
46	PADZZ	81349	RCR20G682JS	RESISTOR,FIXED,COMP.....	1
47	PADZZ	81349	RNC60K4220FS	RESISTOR,FIXED,FILM.....	1

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
48	PADZZ	28480	23-47KR5	RESISTOR,FIXED,COMP.....	1
49	PADZZ	81349	RCR20G512JS	RESISTOR,FIXED,COMP.....	1
50	XDDZZ	81349	RCR20G104JS	RESISTOR,FIXED,COMP.....	1
51	PADZZ	81349	RCR20G471JS	RESISTOR,FIXED,COMP.....	1
52	PADZZ	28480	0811-0957	RESISTOR,FIXED,WIRE.....	1
53	PADZZ	81349	RCR20G100JS	RESISTOR,FIXED,COMP.....	1
54	PADZZ	81349	RCR20G303JS	RESISTOR,FIXED,COMP.....	1
55	PADZZ	01121	EB-2235	RESISTOR,FIXED,COMP.....	1
56	PADZZ	01121	EB3025	RESISTOR,FIXED,COMP.....	1
57	PADZZ	28480	0811-1818	RESISTOR,FIXED,WIRE.....	1
58	PADZZ	11236	110-F4-1K	RESISTOR,VARIABLE,W.....	1
59	PADZZ	81349	RNC55K9090FS	RESISTOR,FIXED,FILM.....	3
60	PADZZ	81349	RNC55K1000FS	RESISTOR,FIXED,FILM.....	2
61	PADZZ	81349	RNC55K4752FS	RESISTOR,FIXED,FILM.....	1
62	PADZZ	81349	RNC60K3401FS	RESISTOR,FIXED,FILM.....	2
63	PADZZ	81349	RNC60K3650FS	RESISTOR,FIXED,FILM.....	2
64	PADZZ	81349	RNC55K3011FS	RESISTOR,FIXED,FILM.....	4
65	PADZZ	11236	110-F4-250	RESISTOR,VARIABLE,W.....	1
66	PADZZ	81349	RNC55K7500FS	RESISTOR,FIXED,FILM.....	1
67	PADZZ	81349	RNC55K9091FS	RESISTOR,FIXED,FILM.....	1
68	PADZZ	81349	RCR20G333JS	RESISTOR,FIXED,COMP.....	1
69	PADZZ	28480	9100-1838	TRANSFORMER,POWER.....	1
70	PADZZ	06486	1N821	SEMICONDUCTOR DEVIC.....	2
71	PADZZ	28480	1902-3070	SEMICONDUCTOR DEVIC.....	1
72	PADZZ	28480	1902-0797	SEMICONDUCTOR DEVIC.....	2
73	XADZZ	28480	5020-5598	PRINTED WIRING BD.....	1
74	PADZZ	06694	734K	INSULATOR,PLATE.....	3
75	XBDZZ	28480	0340-0166	INSULATOR.....	3

END OF FIGURE



REF. DES.	ITEM NO.
CR1-3	1
CR4	2
C1	3
C2	4
Q1,2	5
R1	6
R2	7
R3	8
R4	9
R6	10
R7	11
R8	12
T1	13
VR1	14
VR2	15

EL8FW005

Figure 3. Circuit card, crowbar.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 01 PRINTED CIRCUIT CARDS	
				FIG. 3 CIRCUIT CARD, CROWBAR	
1	PADZZ	28480	1901-0033	SEMICONDUCTOR DEVIC.....	3
2	PADZZ	03508	C220A	SEMICONDUCTOR DEVIC.....	1
3	PCDZZ	56289	30D105F150BA2	CAPACITOR,FIXED,ELE.....	1
4	PADZZ	81349	CM15FD511G03	CAPACITOR,FIXED,MIC.....	1
5	PADZZ	80131	2N3417	TRANSISTOR.....	2
6	PADZZ	81349	RNC55K10R0FS	RESISTOR,FIXED,FILM.....	1
7	PADZZ	81349	RCR32G622JS	RESISTOR,FIXED,COMP.....	1
8	PADZZ	81349	RNC55K1211FS	RESISTOR,FIXED,FILM.....	1
9	PADZZ	81349	RNC55K7501FS	RESISTOR,FIXED,FILM.....	1
10	PADZZ	81349	RW69V102	RESISTOR,FIXED,WIRE.....	1
11	PADZZ	81349	RCR20G220JS	RESISTOR,FIXED,COMP.....	1
12	PADZZ	07716	CEAT-01960HMSPOM 1PCT1/8W	RESISTOR.....	1
13	PADZZ	28480	5080-7122	TRANSFORMER,PULSE.....	1
14	PADZZ	81349	JAN-1N753A	SEMICONDUCTOR DEVIC.....	1
15	PADZZ	81349	JANTX1N4370A	SEMICONDUCTOR DEVIC.....	1
16	PADZZ	28480	5000-6229	HEAT SINK,ELECTRICA.....	1
17	PADZZ	28480	0340-0462	INSULATOR,BUSHING.....	1
18	PADZZ	07980	2190-0709	INSULATOR.....	1

END OF FIGURE

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5905-00-004-6118	2	22	5905-00-432-0402	2	23
5910-00-007-2004	2	9	5905-00-432-6388	2	21
6625-00-052-4921	1	15	5905-00-432-6389	3	9
5910-00-060-9619	3	4	5905-00-432-6410	2	35
5895-00-061-2906	1	28	5905-00-432-9152	2	64
5355-00-068-4557	1	9	5905-00-435-1836	3	7
5961-00-072-0094	2	18	5961-00-450-4689	2	16
5905-00-087-0545	2	20	6695-00-466-0623	1	2
	3	10	5910-00-506-7036	2	7
5961-00-088-8792	2	3	5910-00-542-7362	2	8
5905-00-102-5290	2	55	5999-00-543-0848	3	16
5910-00-103-7701	2	13	5950-00-689-1504	3	13
5961-00-104-1395	3	15	5905-00-721-3728	2	26
5905-00-104-5755	2	53	5940-00-738-6269	1	11
5905-00-104-8330	2	68	5961-00-752-6121	3	14
5905-00-104-8346	2	32	5905-00-764-9870	2	29
5905-00-110-0196	2	39	5905-00-807-7494	2	56
5905-00-110-0993	2	45	5905-00-807-7499	2	48
5905-00-111-4736	2	41	5355-00-809-9329	1	7
5905-00-111-4744	2	49	5961-00-821-0710	2	1
5905-00-111-4858	2	51		3	1
5905-00-112-0985	2	37	5970-00-840-5109	2	74
5905-00-114-5388	3	11	5355-00-860-5379	1	8
5905-00-139-9574	2	33	5961-00-866-5454	2	70
5905-00-140-7182	2	66	5930-00-867-9293	1	6
5905-00-141-0725	2	25	5961-00-867-9318	2	15
5905-00-141-0727	2	42	5910-00-884-1194	2	11
5905-00-141-1073	2	27	5905-00-892-9626	2	38
5905-00-141-1118	2	36	5310-00-903-8729	1	27
5905-00-141-1165	2	46	5961-00-904-7496	2	2
5961-00-160-5446	2	72	5905-00-910-2378	2	34
5905-00-185-8792	2	57	5930-00-918-4381	1	14
5905-00-222-5051	2	31	5961-00-931-6989	2	71
5905-00-243-2199	3	6	5910-00-931-7060	2	10
5910-00-243-5520	2	4	5905-00-935-8542	2	54
5905-00-250-6220	2	61	5961-00-937-3768	3	5
5905-00-252-4029	1	5	6240-00-951-3376	1	3
5920-00-280-4960	1	13	5910-00-965-9729	2	5
5905-00-346-8875	2	63	5961-00-967-8107	3	2
5975-00-351-6114	1	23	5905-00-974-6151	2	65
5905-00-356-3732	2	28	5905-00-975-1153	2	43
5910-00-403-8427	3	3	5961-00-985-9077	2	19
5905-00-425-1911	2	44	5940-01-008-6323	1	19
	3	8	5970-01-011-6466	3	17
5905-00-426-7096	2	47	5905-01-020-2427	2	58
5905-00-429-1104	2	62	5910-01-032-1819	2	6
5905-00-431-7828	2	24	5961-01-033-3079	2	17
5905-00-431-7832	2	59	5905-01-064-9025	1	20
5905-00-431-7833	2	67	5905-01-107-6308	3	12
5905-00-432-0380	2	60	5970-01-107-7080	3	18

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5910-01-122-0950	2	12			
5950-01-151-2751	2	69			
5905-01-152-6793	2	52			
5805-01-160-0529	1	26			

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
09182	A-5950-5233-1		1	22
09182	B-1		1	30
09182	B-5950-5221-1		1	16
58474	BP21B	5940-00-738-6269	1	11
09182	C-1		1	21
09182	C-1COVER		1	17
09182	C-5950-5271-1L		1	34
09182	C-5950-5271-1R		1	33
07716	CEAT-01960HMSPOM 1PCT1/8W	5905-01-107-6308	3	12
81349	CM15FD511G03	5910-00-060-9619	3	4
03508	C220A	5961-00-967-8107	3	2
09182	D-5950-5249-1L		1	31
09182	D-5950-5249-1R		1	29
09182	D38618	5910-00-884-1194	2	11
01121	EB-0335	5905-00-222-5051	2	31
01121	EB-2235	5905-00-102-5290	2	55
01121	EBSELECTED		2	30
01121	EB3025	5905-00-807-7494	2	56
81349	F02A250V2A	5920-00-280-4960	1	13
81349	JAN-1N753A	5961-00-752-6121	3	14
81349	JANTX1N4370A	5961-00-104-1395	3	15
81349	JAN1N4998	5961-00-904-7496	2	2
70903	KH-4096	6625-00-052-4921	1	15
04713	MJ2955	5961-01-033-3079	2	17
81349	M15098-11-004	6240-00-951-3376	1	3
81349	M39003/01-3088	5910-00-007-2004	2	9
81349	RCR20G100JS	5905-00-104-5755	2	53
81349	RCR20G102JS	5905-00-110-0196	2	39
81349	RCR20G103JS		2	40
81349	RCR20G104JS		2	50
81349	RCR20G123JS	5905-00-110-0993	2	45
81349	RCR20G161JS	5905-00-111-4736	2	41
81349	RCR20G201JS	5905-00-141-0727	2	42
81349	RCR20G220JS	5905-00-114-5388	3	11
81349	RCR20G303JS	5905-00-935-8542	2	54
81349	RCR20G333JS	5905-00-104-8330	2	68
81349	RCR20G334JS	5905-00-104-8346	2	32
81349	RCR20G364JS	5905-00-141-0725	2	25
81349	RCR20G390JS	5905-00-141-1118	2	36
81349	RCR20G471JS	5905-00-111-4858	2	51
81349	RCR20G512JS	5905-00-111-4744	2	49
81349	RCR20G564JS	5905-00-141-1073	2	27
81349	RCR20G682JS	5905-00-141-1165	2	46
81349	RCR32G622JS	5905-00-435-1836	3	7
81349	RNC55K10R0FS	5905-00-243-2199	3	6
81349	RNC55K1000FS	5905-00-432-0380	2	60
81349	RNC55K1211FS	5905-00-425-1911	2	44
			3	8
81349	RNC55K1501FS	5905-00-431-7828	2	24
81349	RNC55K1502FS	5905-00-004-6118	2	22

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	RNC55K2002FS	5905-00-432-0402	2	23
81349	RNC55K3011FS	5905-00-432-9152	2	64
81349	RNC55K4751FS	5905-00-112-0985	2	37
81349	RNC55K4752FS	5905-00-250-6220	2	61
81349	RNC55K6191FS	5905-00-432-6388	2	21
81349	RNC55K6192FS	5905-00-721-3728	2	26
81349	RNC55K7500FS	5905-00-140-7182	2	66
81349	RNC55K7501FS	5905-00-432-6389	3	9
81349	RNC55K9090FS	5905-00-431-7832	2	59
81349	RNC55K9091FS	5905-00-431-7833	2	67
81349	RNC60K1001FS	5905-00-432-6410	2	35
81349	RNC60K3401FS	5905-00-429-1104	2	62
81349	RNC60K3650FS	5905-00-346-8875	2	63
81349	RNC60K4220FS	5905-00-426-7096	2	47
81349	RW68V511	5905-00-975-1153	2	43
81349	RW69V102	5905-00-087-0545	2	20
			3	10
81349	RW69V132	5905-00-764-9870	2	29
28520	SR-5P-1	5975-00-351-6114	1	23
79307	T4-4		1	24
14723	014A020	5910-00-542-7362	2	8
28480	0180-1852	5910-00-931-7060	2	10
28480	0180-1895	5910-01-122-0950	2	12
28480	0340-0166		2	75
28480	0340-0462	5970-01-011-6466	3	17
28480	0360-1234	5940-01-008-6323	1	19
28480	0370-0084	5355-00-809-9329	1	7
28480	0370-0101	5355-00-068-4557	1	9
28480	0370-0179	5355-00-860-5379	1	8
28480	06255-60003		1	32
28480	06255-60021	5805-01-160-0529	1	26
28480	0811-0957	5905-01-152-6793	2	52
28480	0811-1818	5905-00-185-8792	2	57
80131	1N5059	5961-00-088-8792	2	3
06486	1N821	5961-00-866-5454	2	70
11236	110-F4-1K	5905-01-020-2427	2	58
11236	110-F4-250	5905-00-974-6151	2	65
11236	110-F4-5K	5905-00-892-9626	2	38
07980	1120-1139		1	1
28480	1410-0052	5895-00-061-2906	1	28
56289	150D156X0050R2		2	14
56289	150D475X9050B2	5910-00-243-5520	2	4
28480	1510-0040		1	10
28480	1854-0225	5961-00-072-0094	2	18
28480	1854-0229	5961-00-867-9318	2	15
28480	1901-0033	5961-00-821-0710	2	1
			3	1
28480	1902-0797	5961-00-160-5446	2	72
28480	1902-3070	5961-00-931-6989	2	71
56289	192P10352	5910-00-965-9729	2	5
56289	2N2907A	5961-00-450-4689	2	16

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80131	2N3391A	5961-00-985-9077	2	19
80131	2N3417	5961-00-937-3768	3	5
28480	2100-0994	5905-00-139-9574	2	33
28480	2100-0997	5905-00-356-3732	2	28
28480	2100-1854	5905-00-252-4029	1	5
07980	2190-0709	5970-01-107-7080	3	18
28480	23-47KR5	5905-00-807-7499	2	48
56289	242E5025	5905-00-910-2378	2	34
56289	292P10252	5910-00-506-7036	2	7
56289	292P10452	5910-01-032-1819	2	6
28480	2950-0034	5310-00-903-8729	1	27
56289	30D105F150BA2	5910-00-403-8427	3	3
28480	3100-1910	5930-00-867-9293	1	6
75915	342014		1	12
28480	4040-0295	6695-00-466-0623	1	2
71785	422-13-11-013		1	18
28480	5000-6229	5999-00-543-0848	3	16
28480	5020-5598		2	73
28480	5060-6176		1	25
28480	5080-7122	5950-00-689-1504	3	13
87034	54-6168126A1H	5930-00-918-4381	1	14
73978	6BR-37	5905-01-064-9025	1	20
28480	7124-0389		1	4
06694	734K	5970-00-840-5109	2	74
28480	9100-1838	5950-01-151-2751	2	69
13499	913-3235-00	5910-00-103-7701	2	13

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33			
44		19	
45			

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For item 2, change the NSN to read: 5835-00-134-9186.
Reason: Accuracy.

Identify the cover on the junction box (item no. 5).
Reason: It is a separate item and is not called out on figure 19.

Add the cover of the junction box as an item in the listing for figure 19.
Reason: Same as above

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